

## Thermoproof Exterior

Thermoguard Thermoproof Exterior Fluid is a penetrating fire proof fluid for wood.

**Intended Use** Fire protection for bare timber sleepers, fencing, cladding and decking.

**Description** Durable clear fire and flame resistant fluid for external and internal wood. Weather resistant. Water-based, non-flammable formula enables safe application by untrained and inexperienced users.

**How it Works** Penetrates deep into porous wood. When exposed to fire Thermoguard Thermoproof Exterior Fluid creates an inert layer within the wood's surface which insulates the wood from fire, preventing flamespread.

### UKAS Fire Test Standards

- BS EN Class B s2 d0
- Class O

For 30 or 60 mins contact Technical Dept.

### Application

- Apply at 3.5m<sup>2</sup> per litre. Normally applied in 3 coats @ 10.5m<sup>2</sup> per litre but can be applied in 2 coats at 7m<sup>2</sup> per litre on very porous rough sawn wood.
- Ensure each application has fully soaked in before applying the next. Allow a minimum of 2 hours between applications.
- Apply to small test patch prior to main application.

**Coverage** 19m<sup>2</sup> per 5L

**Application Method** Brush, Roller, Spray.

### Application Conditions

- Apply to dry wood (below 18% moisture) above 5°C in dry conditions prior to painting or waterproofing. Where possible wait until the wood has thoroughly dried out before fixing.
- Allow adequate time for the wood to dry out after treatment before applying any coating.\*

\*Contact the Technical Department.

### Limitations (Stained, Varnished or Painted Wood)

- For treatment with Thermoguard Thermoproof Exterior Fluid to be effective it needs to be able to penetrate the wood.
- Remove any water resistant coating, sealer coat, waxy feel, glossy sheen, or waterproofing effect created by a previous treatment or preparation before application.
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### Project Fire Certification

Thermoguard issue a Certificate of Supply on request for projects for insurance, Fire and Building Control Authority and Client Records.

### New Fire Regulations & Tests Explained

- The new fire standard BS EN test lasts 20 mins. with airflow replaces the old BS 476 tests which lasted 10 mins and strangely restricted airflow.
- The new standard for flamespread and heat release Class B replaces Class O.
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### The new BS EN tests also monitor

- Smoke & Gas “s” – s1 + s2 are none or very low & compliant, s3 = moderate smoke, s4 = heavy smoke.
- Flaming Droplets or Airborne particulates – dO is none, d1 = low, d2 = moderate, d3 = high levels.

**CLEANING** Return as much unused material to its original container as possible. Wash brushes rollers and guns with clean waters immediately following use.

**HEALTH AND SAFETY** Please refer to the relevant Safety Data Sheet for full details of this product  
Apply all products in accordance with BS 6150:2019- Code of practice for painting of buildings.  
Do not store this product in cold temperatures below 5°C or above 30°C.

**FURTHER SUPPORT** If you require any further assistance, please contact Thermoguard Technical Helpdesk on 01142 768008 option 2 or email [technical@thermoguard.co.uk](mailto:technical@thermoguard.co.uk)